



**(43) International Publication Date
3 March 2005 (03.03.2005)**

PCT

(10) International Publication Number
WO 2005/018710 A2

(51) International Patent Classification⁷: A61M

30004 (US). **ROBBINS, Avi, M.** [US/US]; 539 Timber Ridge Drive, Longwood, FL 32779 (US). **HEATH, Jason, R.** [US/US]; 1530 Mcadoo Drive SW, Marietta, GA 30064 (US).

(22) International Filing Date: 19 August 2004 (19.08.2004)

(74) Agent: **GROFF, Bradley, K.**; Gardner Groff, P.C., Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, GA 30067 (US).

(25) Filing Language: English

Marlboro, Connecticut. (12).

(26) Publication Language: English

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(30) Priority Data: 60/497,025 20 August 2003 (20.08.2003) US

CC, CR, CG, CL, DE, DK, DM, DE, EZ, EZ, EZ, EZ, FA,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

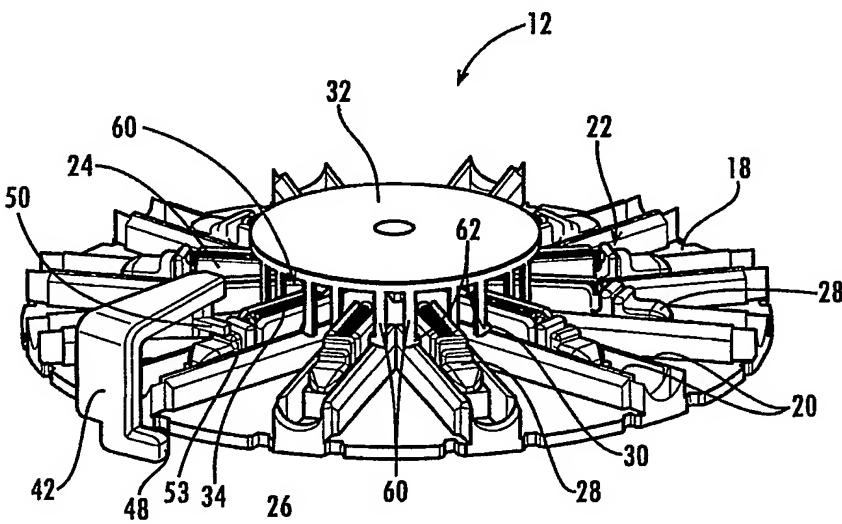
(71) **Applicant (for all designated States except US):** FACET TECHNOLOGIES, LLC [US/US]; 1850 Parkway Place, Suite 900, Marietta, GA 30067 (US).

Published:

- without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: BLOOD SAMPLING DEVICE



(57) Abstract: A sampling device having a lancing apparatus, and optionally a detector and a meter. The lancing apparatus includes a replaceable cartridge of lancets, each lancet having an independent arming and drive mechanism enabling non-sequential and/or simultaneous firing of lancets. A lancet retainer independently associated with each lancet is movable to uncover an opening through which the lancet tip passes, and to release the lancet for activation. The lancets can be actuated in any order, and multiple lancets can be simultaneously actuated, if desired.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.